

Substitute for form 1449/PTO				Complete if Known	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use as many sheets as necessary)				Application Number	10/655,920
Sheet	1	of	3	Filing Date	September 5, 2003
				First Named Inventor	Hassan Mostafavi
				Art Unit	3737
				Examiner Name	Lauritzen, Amanda L.
				Attorney Docket Number	VM 03-006-US

NON PATENT LITERATURE DOCUMENTS					
Examiner Initials*	Cite No.	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.			T
	1	ROGUS, R.D. et al.; "Accuracy Of A Photogrammetry-Based Patient Positioning and Monitoring System For Radiation Therapy"; Med. Phys. 26; pp. 721-728; (May 1999).			
	2	ROSENZWEIG, K.E. et al.; 'The Deep Inspiration Breath Hold Technique In The Treatment Of Inoperable Non-Small-Cell Lung Cancer"; Inl. J. Radiat. Oncol., BioI., Phys. 48; pp. 81-87; (August 2000).			
	3	ROSS, C.S. et al.; "Analysis Of Movement Of Intrathoracic Neoplasms Using Ultrafast Computerized Tomography"; Int. J. Radia/. Oncol., Bioi., Phys. 18; pp. 671-677; (March 1990).			
	4	RUNGE, V.M. et al.; "Respiratory Gating In Magnetic Resonance Imaging at 0.5 Tesla"; Radiology 151; pp. 521-523; (May 1984).			
	5	SACHS, T.S. et al.; "Real-Time Motion Detection In Spiral MRI Using Navigators", Magn. Reson. Med. 32; pp. 639- 645; (November 1994).			
	6	SCHAR, M. et al. "The Impact of Spatial Resolution and Respiratory Motion on MR Imaging of Atherosclerotic Plaque" J. Magnetic Resonance Imaging (2003) 17:538-544.			
	7	SCHWARTZ, L.H. et al.; "Kidney Mobility During Respiration"; Radio/her. Oncol. 32; pp. 84-86; (1994).			
	8	SHIRATO, H. et al.; "Four-Dimensional Treatment Planning And Fluoscopic Real-Time Tumor Tracking Radiotherapy For Moving Rumor"; Int. J. Radial. Oncol., Bioi., Phys. 48; pp. 435-442; (September 2000).			
	9	SINKUS, Ralph. et al.; "Motion Pattern Adapted Real-Time Respiratory Gating"; Magnetic Resonance in Medicine 41; 1999; pp. 148-155.			
	10	SOLBERG, Timothy D., et al.; "Feasibility of Gated IMRT"; Proceedings of the 22nd Annual International Conference of the IEEE Engineering in Medicine and Biology Society, Chicago, IL (July 23-28, 2000) 3pps: 2732-2734			
	11	SPUENTRUP, E. et al. "Respiratory motion artifact suppression in diffusion-weighted MR imaging of the spine" Eur. Radiol. (2003) 13:330-336.			
	12	SURAMO, M.P. et al.; "Cranio-caudal Movements Of The Liver, Pancreas And Kidneys on Respiration", Acta Radiol. Diagn. 2; pp. 129-131; (1984).			
	13	TADA, Takuhito, et al.; "Lung Cancer: Intermittent Irradiation Synchronized With Respiratory Motion-Results Of A Pilot Study"; Radiology, June, 1998; Vol. 207; No.3; pp. 779-783.			
	14	THICKMAN, D. et al. "Phase-Encoding Direction upon Magnetic Resonance Image Quality of the Heart" Magnetic Resonance in Medicine (1988) 6:390-396.			
	15	van GEUNS, R.J.M. et al.; "Magnetic Resonance Imaging Of The Coronary Arteries: Clinical Results From ThreeDimensional Evaluation Of A Respiratory Gated Technique"; Heart 82; pp. 515-519; (October 1999).			
	16	WANG, Y. et al. "Navigator-Echo-based Real-Time Respiratory Gating and Triggering for Reduction of Respiration Effects in Three-dimensional Crornary MR Angiography" Radiology (1996) 198:55-60.			
	17	WANG, Y. et al.; "Implications For The Spatial Resolution in Coronary Imaging"; Magnetic Resonance in Medicine 33; 1995; pp. 713-719.			

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	18	WEBER, C. et al. "Correlation of 3D MR coronary angiography with selective coronary angiography: feasibility of the motion adapted gating technique" Eur. Radiol. (2002) 12:718-726.	
	19	WEIGER, Markus, et al.; "Motion-Adapted Gating Based on k-Space Weighting For Reduction of Respiratory Motion Artifacts"; Magnetic Resonance in Medicine 38; 1997; pp. 322-333.	
	20	WIESMANN, F. "High-Resolution MRI with Cardiac and Respiratory Gating Allows for Accurate in Vivo Atherosclerotic Plaque Visualization in the Muring Aortic Arch" Magnetic Resonance in Medicine (2003) 50:69-74.	
	21	WONG, J.W. et al.; "The Use Of Active Breathing Control (ABC) To Reduce Margin For Breathing Motion"; In/. J.Radiol. Oncol., Phys. 44; pp. 911-919; (JULY 1999).	
	22	WOOD, M. L. and R. M. Henkelman "Suppression of respiratory motion artifacts in magnetic resonance imaging" Med. Phys. (Nov/Dec 1996) 13(6):794-805.	
	23	WOODARD, P.K., et al.; "Detection of Coronary Stenoses on Source and Projection Images Using Three-Dimensional MR Angiography With Retrospective Respiratory Gating: Preliminary Experience"; AJR:170; April 1998; No.4; 00. 883-888.	
	24	WORTHLEY, S.G. et al. "Cardiac gated breath-hold back blood MRI of the coronary artery wall: An in vivo and ex-vivo comparison" Int'l J. Cardiovascular Imaging (2001) 17:195-201.	
	25	YAMASHITA, Y. et al. "MR Imaging of Focal Lung Lesions: Elimination of Flow and Motion Artifact by Breath-Hold ECG-Gated and Black-Blood Techniques on T2-Weighted Turbo SE and STIR Swquences" J. Magnetic Resonance Imaging (1999) 9:691-698.	
	26	YORKE, E. et al.; "Respiratory Gating Of Sliding Window IMRT"; 22nd Annual EMBS International Conference. Chicago, IL.; pp. 2118-2121; (July 23-28. 2000).	
	27	YUAN, Q. et al.; "Cardiac-Respiratory Gating Method For Magnetic Resonance Imaging Of The Heart"; Magn. Reson. Med. 43; pp. 314-318; (February 2000).	
	28	VEDAM, S.S. et al., "Acquiring a four-dimensional computed tomography dataset using an external respiratory signal" Phys. Med. Bio. 48 (2003), pp. 45-62.	
	29	International Search Report and Written Opinion dated February 5, 2007 for PCT/US2005/034999.	
	30	International Search Report and Written Opinion dated December 1, 2005 (PCT/US05/08037)	
	31	International Search Report and Written Opinion dated October 13, 2005 (PCT/US04/32381)	
	32	International Search Report, Varian Medical Systems, Inc. PCT/US03/27552, February 19, 2004.	
	33	Preliminary Search Brochure entitled "Kinematic Measurement Systems" by Qualisys printed April 4, 1994; 4 pages.	
	34	International Search Report for PCT/US03/36454 issued May 28, 2004.	
	35	International Search Report and Written Opinion dated Feb. 15, 2005 for PCT/US2004/029277.	
	36	International Search Report and Written Opinion dated January 30, 2006 for PCT/US2004/028571.	

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	37	International Search Report and Written Opinion dated March 15, 2005 for PCT/US2004/028756.				

/Amanda L. Lauritzen/

04/28/2010

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